

ABSTRACT OF THE DISCLOSURE

A distributed network address translation (NAT) system is used to transport data packets between private and public network domains. A packet modifier substitutes public and private network address information in packets that are crossing between public and private domains to and from the end system. A network application server has an address mapping table and communicates with the packet modifier over a control protocol. The network application server generates address mappings which the packet modifier uses for modification of data packets passing through it.